

AWC Volume SE (SC) SW W AR IN USGS Quad Seldovia A-5

Anadromous Water Catalog Number of Waterway 242-10-10200-2003-3008

Name of Waterway _____ USGS name _____ Local name _____

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 254</u>	<u>[Signature]</u>	<u>1/19/94</u>
Revision Year: <u>'94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>ED Wain</u>	<u>12/27/93</u>
Both <u>X</u>	<u>2. Stone</u>	<u>2/1/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adult</u>	<u>9-13-93</u>	<u>244</u>			<u>✓</u>
<u>Coho-Juvenile</u>	<u>9-13-93</u>		<u>300 estimate</u>		<u>✓</u>
<u>Dolly Varden - Juvenile</u>	<u>9-13-93</u>			<u>2</u>	

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Pink and Coho distribution extends from the stream mouth to within 7 meters of the 4.5 meter high waterfall. Stream width ranges from 4 meters at the mouth to 1 meter at the upper extent. Gradient is 1 percent. Excellent spawning and rearing habitat. Predominant stream substrate is gravel. Tostream cover consists of cut banks and overhanging vegetation.

Name of Observer (please print) JEFF BARNHART

Date: 10-15-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road

Anchorage AK

ALASKA DEPT. OF
FISH & GAME

NOV 03 1993

REGION II
FISH AND RESTORATION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

CHUGACH ~~06~~
 STREAM: Chatham Pt SEGMENT: 0-01 DATE: 7/13/93 TEAM: JB/WG
 ANADROMOUS: Y WIDTH (m): 4-1 LENGTH (m): _____ GPS DATE: 7/13 DIGITIZE: y n
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Pike	A	148	V	Dead in stream	Land Otter		Tracks
Salmon	A	96	V	Live in stream	MT Goat		on MT side above stream
Salmon	J	9	D	Age 1+			
Salmon	J	300+	V	Age 1+	Red squirrel	1	
D.V.	J	1	D	Live in stream			

GRADIENT(%): 1 CHANNEL PROFILE: V U D E F

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK — BOULDER — RUBBLE — COBBLE —
 GRAVEL 1 SAND 2 MUD/SILT — ORGANICS — OTHER: —

STREAM COVER TYPE: ORGANIC DEBRIS — DEAD BRANCHES/TWIGS — LOGS — BOULDERS —
 CUT BANK X OVERHANGING VEGET. X OTHER: —

STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: —
 UNDERSTORY: grass spp

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? Y BARRIER TO SPECIES: Salmon, Pike, Trout adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 5 DIST. FROM UPPER EXTENT (m): 7

PHOTO ROLL(s): 2366

VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION
10	Mouth of stream looking upstream		
12	Confluence of Trib 2 and looking downstream at mainstem		
13	Chum Salmon captured in lake		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: ^{CHUGACH} ~~CHATHAM~~ - 06 QUAD: Seldovia A-5 STAGE: H (M) L
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham (English Bay (circle one))
 DATE(s): 9/15/93 UTM ZONE: 8091323D / Repeat 8092222C
 GPS FILES: ~~X~~

SKETCH (indicate UTM zones, if not uniform throughout the stream)

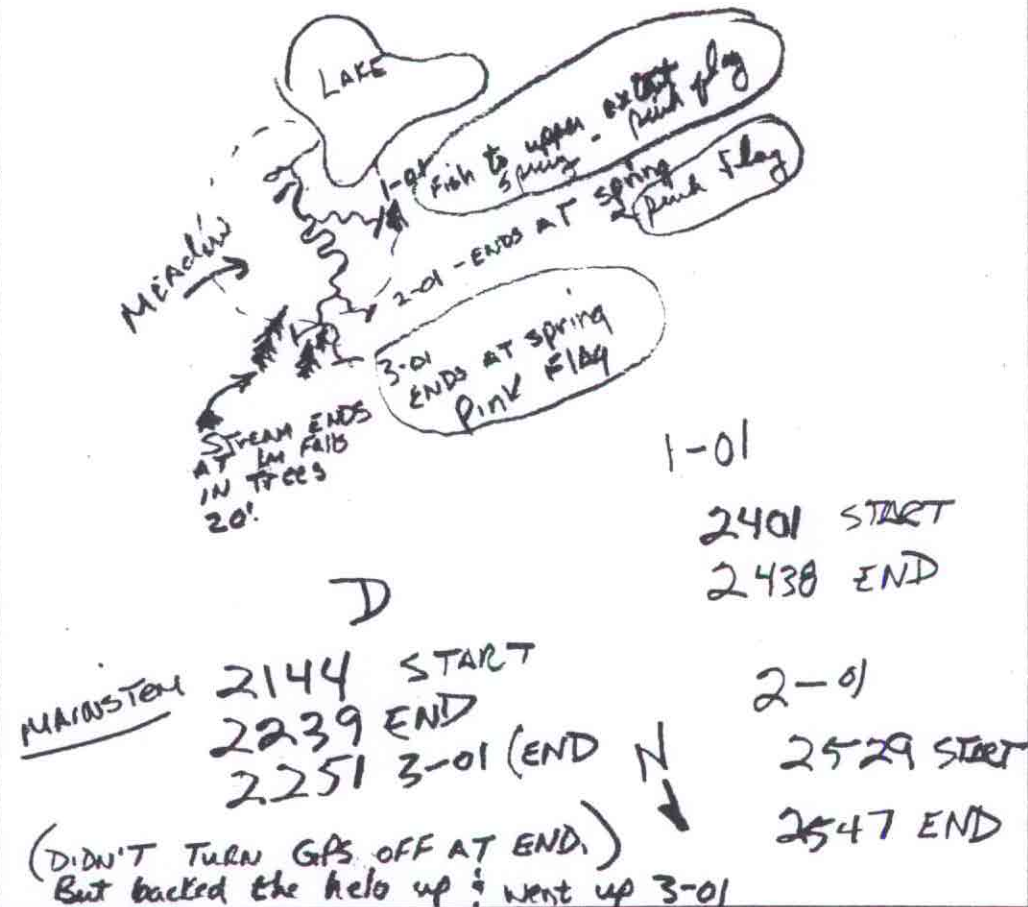


PHOTO ROLL(s):

VIDEO TAPE(s):

FRAME

DESCRIPTION

DATE

(Please enter comments on the other side)

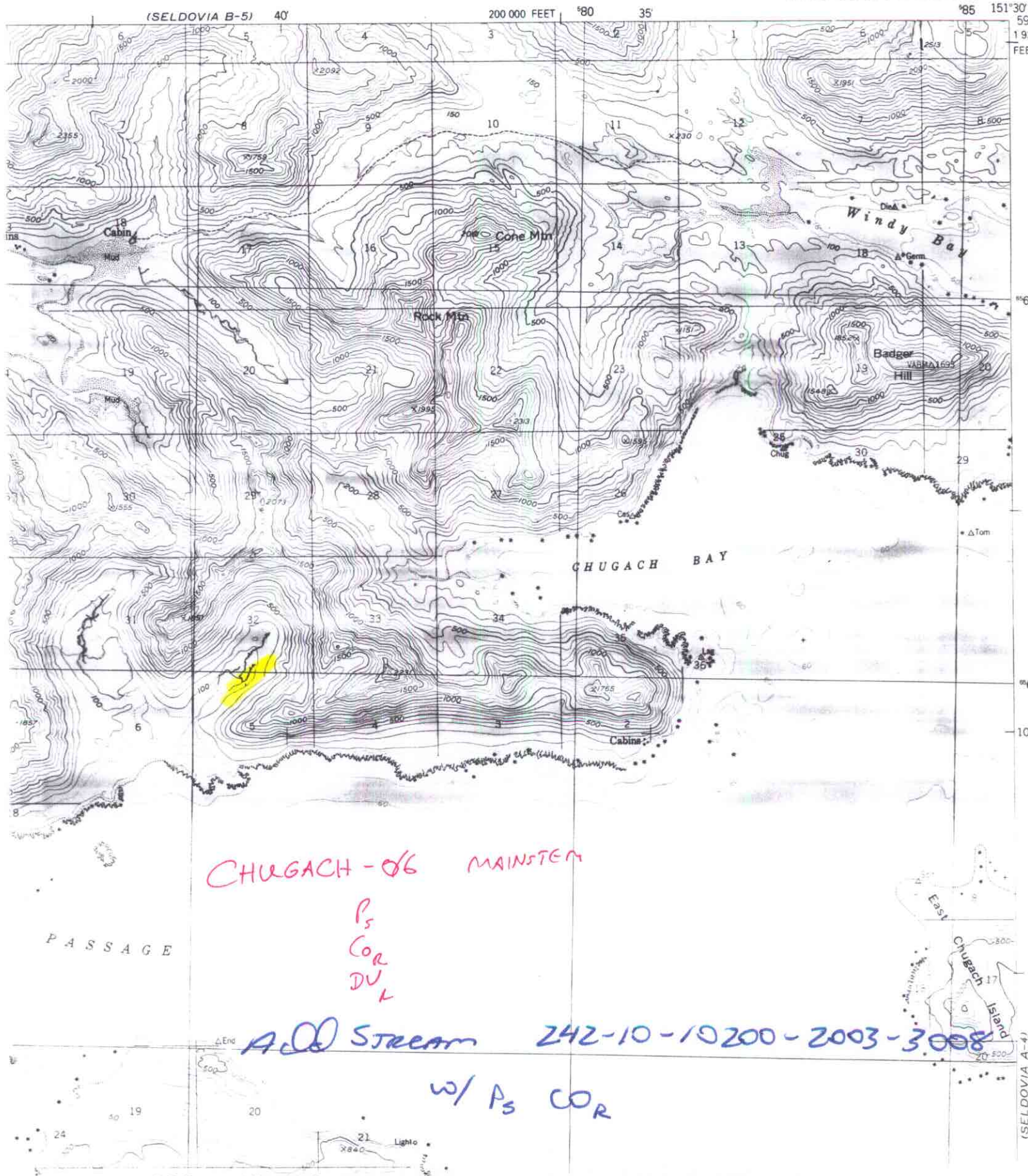
LAST OF the 3 streams flowing into the north end of lake. Extremely rich in fish species; with numerous pinkies & an abundant amount of Coho fry.

Gravel, silt & mud makes up the substrate which is shaded by cut banks & overhanging grass that makes good in stream cover & keeps the stream cool due to shade.

3 trails run to the north-north west with a blockage on the mainstem 20' in the timber consisting of a small falls.

- Wesley Shumley -

SELDOVIA (A-5) QUADRANGLE
ALASKA
1:63,360 SERIES (TOPOGRAPHIC)



MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada

ALASKA DEPT. OF
FISH & GAME

NOV 03 1993

REGION II
HABITAT AND RESTORATION
DIVISION